

ABSTRACT

A system and process for the *in situ* treatment of a fluid. In particular, the fluid in a naturally occurring source is treated *in situ*. The system uses an *in situ* fine porous device to remove at least a portion of at least one undesired component from a flowing fluid. If necessary, the flow may be induced by a pump of the system. The treated fluid is then transferred from the naturally occurring source, whereas the undesired components that have been removed from the treated fluid are left in the naturally occurring source. After being transferred from the naturally occurring source, the fluid can be used as is, or the fluid can undergo further treatment, if necessary.